

PMC-EF2a

(20402)

**U.S. DEPARTMENT OF ENERGY  
EERE PROJECT MANAGEMENT CENTER  
NEPA DETERMINATION**



RECIPIENT: American Process Inc

STATE: MI

PROJECT TITLE : Alpena Prototype Biorefinery

Funding Opportunity Announcement Number  
DE-FOA-0000096Procurement Instrument Number  
DE-EE0002868NEPA Control Number  
GFO-10-382CID Number  
EE2868

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

**CX, EA, EIS APPENDIX AND NUMBER:**

## Description:

**C12** Siting, construction, and operation of energy system prototypes including, but not limited to, wind resource, hydropower, geothermal, fossil fuel, biomass, and solar energy pilot projects.

## Rational for determination:

DOE is proposing to provide federal funding to American Process Inc. (Alpena Prototype Biorefinery, LLC) for the final design, construction and operation of the Alpena Prototype Biorefinery (APB). APB would be a fully integrated biorefinery that would produce 894,000 gallons per year of fuel grade ethanol and 696,000 gallons per year of aqueous potassium acetate from hardwood chip hydrolyzate feedstock.

DOE is required to complete an Environmental Assessment (C12) before deciding to commit federal funds to this project. The EA, at a minimum, will provide an analysis of potential impacts of construction and operation of the facility on air quality (including greenhouse gases), biological, cultural and water resources.

DOE previously CXed Budget Period 1 activities for this project. This determination that an Environmental Assessment is required applies to Budget Period 2 activities.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:

NEPA Compliance Officer

Date:

5/13/10

**FIELD OFFICE MANAGER DETERMINATION**

☒ Field Office Manager review required

**NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:**

- ☐ Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- ☒ Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

**BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :**

Field Office Manager's Signature: \_\_\_\_\_

Field Office Manager

Date: \_\_\_\_\_

5/13/10